

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	((WINFRIED) near2 (KLEIN)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/14 14:48
S2	2	((ANDREAS) near2 (WELSCH)).INV.	US-PGPUB; USPAT	OR	ON	2010/06/14 14:48
S3	11	US-6354089-\$.D.ID. OR JP-63140811-\$.D.ID. OR JP-11022461-\$.D.ID. OR EP-0968371-\$.D.ID. OR DE-10062534-\$.D.ID. OR EP-1199410-\$.D.ID. OR DE-19744599-\$.D.ID.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 14:48
S4	1848	(165/47).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S5	838	(165/164).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S6	684	(141/82).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S7	1451	(165/41).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S8	1372	(165/42).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S9	919	(165/43).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48

S10	901	(165/51).CCL.S.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S11	373	(165/52).CCL.S.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S12	3024	(165/104.33).CCL.S.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S13	569	(165/120).CCL.S.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S14	1547	(165/122).CCL.S.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S15	150	(165/112).CCL.S.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S16	401	(165/132).CCL.S.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S17	987	(165/140).CCL.S.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S18	14	((("5649587") or ("6189492") or ("2538299") or ("5845612") or ("6290473") or ("20020000250") or ("3692004") or ("4441463") or ("5012768") or ("6499956") or ("6557827") or ("6782908") or ("6871697") or ("7137439"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/06/14 14:48
S19	7	(US-20020000250-\$.did. or (US-6290473-\$. or US-7137439-\$. or US-6871697-\$. or US-6189492-\$. or US-5845612-\$. or US-3692004-\$.).did.	US-PGPUB; USPAT	OR	ON	2010/06/14 14:48
S20	0	S19 and glycol and oil	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 14:48

S21	12990	165/47,164,41,42,43,51,52,104.33,120,122,112,132,140).OQLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/06/14 14:48
S22	5950	S21 and @ad<"20020710"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 14:48
S23	63	S22 and (glycol and oil)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 14:48
S24	14	S22 and (water adj glycol) and oil	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 14:48
S25	8884	S21 and @pd<"20020710"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 14:48
S26	11	S25 and (water adj glycol) and oil	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 14:48
S27	5	("4441463"   "5971062"   "6041744"   "6499956"   "6523507").PN. OR ("7137439").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/14 15:25
S28	24	("20040012125"   "3996999"   "4339014"   "4441463"   "4686361"   "4815550"   "4903760"   "4962825"   "4979584"   "5012768"   "5046554"   "5234051"   "5649587"   "5960899"   "5971062"   "6058903"   "6092616"   "6098739"   "6129056"   "6454527").PN. OR ("6871697").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/14 15:27
S29	34	S22 and ((perpendicular or perpendicularly) with (motor or pump))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 15:31
S30	39055	((perpendicular or perpendicularly) with (motor or pump))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 15:34

S31	7227	((perpendicular or perpendicularly) near3 (motor or pump))	US-PGPUB; USPAT; FPRS; EPC; JPO; DERWENT	OR	ON	2010/06/14 15:34
S32	5360	((perpendicular or perpendicularly) near3 ((motor or pump) near3 (axis or shaft)))	US-PGPUB; USPAT; FPRS; EPC; JPO; DERWENT	OR	ON	2010/06/14 15:35
S33	1293	((perpendicular or perpendicularly) near ((motor or pump) near (axis or shaft)))	US-PGPUB; USPAT; FPRS; EPC; JPO; DERWENT	OR	ON	2010/06/14 15:35
S34	381	((perpendicular or perpendicularly) near ((motor or pump) near (axis or shaft))) and fluid	US-PGPUB; USPAT; FPRS; EPC; JPO; DERWENT	OR	ON	2010/06/14 15:35
S35	204	((perpendicular or perpendicularly) near ((motor or pump) near (axis or shaft))) and fluid and @ad<"20020710"	US-PGPUB; USPAT; FPRS; EPC; JPO; DERWENT	OR	ON	2010/06/14 15:35
S36	32	"2875701" "4252508" "4270408" "4819508" "4971535" "5040429"   "5078222" "5207060" "5304043" "5501578" "5800134" "6332393"   "6361282" "6487856").PN. OR ("6705840").URPN.	US-PGPUB; USPAT, USOCR	OR	ON	2010/06/14 15:37
S37	150	"0168955" "2191961" "2255348" "2311922" "2332838" "2336911"   "2336912" "2391735" "2530720" "2745506" "2763164" "2936033"   "3059416" "3371734" "3376760" "3395671" "3450218" "3492891"   "3530741" "3590658" "3596535" "3603176" "3612199" "3717212"   "3796275" "3869014" "3901339" "3903977" "3907051" "3966005"   "3978937" "4133404" "4174762" "4245524" "4281737" "4320810"   "4399882" "4471669" "4572310" "4577711" "4620575" "4718508"   "4729257" "4732053" "4738328" "4776235" "4776236" "4782650"   "4790399" "4809796" "4813506" "4870820" "4875536" "4882947"   "4895052" "4914907" "4917200" "4932209" "4949823" "5004060"   "5015221" "5052511" "5094326" "5131483" "5195600" "5201240"   "5247784" "5279379" "5285866" "5307612" "5314387" "5335739"   "5339631" "5367861" "5383528" "5387161" "5505279" "5507138"   "5517809" "5535840" "5553453" "5560447" "5564518" "5644903"   "5649606" "5667032" "5706907" "5722501" "5775437" "5782142"   "5842378" "5850886" "5894907" "5910060" "5913802" "5946894"   "5947219" "5975224" "5997425" "6028634" "6035959" "6038840"   "6098386" "6098737" "6098740" "6126564" "6129164" "6141947"   "6152248" "6189641" "6196342" "6196348" "6257357" "6260641"   "6283236" "6354388" "RE34057").PN. OR ("6540633").URPN.	US-PGPUB; USPAT, USOCR	OR	ON	2010/06/14 15:39

S38	1544	S21 and @ad<"20020710" and (pump)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 16:37
S39	989	S21 and @ad<"20020710" and (pump) and (heat adj exchanger)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/14 16:38
S40	44	("1898804"   "2319062"   "3145527"   "3230733"   "3387648"   "3712078"   "3719051"   "3858802"   "4619316"   "4793405"   "4831828").PN. OR ("5333460").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/14 16:56
S41	16	("2188801"   "2450960"   "2478428"   "3976124"   "4074752"   "4256031"   "4746335").PN. OR ("5101885").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/14 16:58
S42	26	("0914822"   "3727712"   "4066047"   "4320986").PN. OR ("4461341").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/14 17:01
S43	5	("3751191"   "4172897"   "4283167"   "4461341").PN. OR ("4695232").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/14 17:05
S44	5	("4633938"   "4680928"   "6024164").PN. OR ("6354089").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/14 17:17
S45	31	("20020050251"   "2446995"   "3147823"   "3797562"   "4041697"   "4063431"   "4249491"   "4325219"   "4362131"   "4424775"   "4535729"   "4545334"   "4546742"   "4885911"   "4926800"   "5215044"   "5390632"   "5598705"   "5730089"   "5887562"   "5896833"   "5910099"   "6021868"   "6178928"   "6354089").PN. OR ("6536381").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/14 17:18
S47	88	(skid or skidder) with cooling with (system or assembly)	US-PGPUB; USPAT	OR	ON	2010/06/17 13:30
S48	27	("3334704"   "3834478"   "3938586"   "4117902"   "4287961"   "4535868"   "4696361"   "4815550"   "4825815"   "5042602"   "5234051"   "5564514"   "5803198").PN. OR ("6092616").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 13:32
S49	72	("0737737"   "1270124"   "2175533"   "2317849"   "2525375"   "2573544"   "2662748"   "3164140"   "3236215"   "3630003"   "3642062"   "3918547"   "3978938"   "4055262"   "4060261"   "4086976"   "4114714"   "4116269"   "4117902"   "4173995"   "4339014"   "4377203"   "4382481"   "4470753"   "4535868"   "4696361").PN. OR ("4815550").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 13:32
S50	54	("0656633"   "0664993"   "1614455"   "2040947"   "2100490"   "2250795"   "3297080"   "3334704"   "3786891"   "3828952"   "3834478"   "3938586"   "4018270"   "4117902"   "4287961"   "4454926").PN. OR ("4696361").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/17 13:33

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S46	105	{165/47,164,41,42,43,51,52,104,33,120,122,112,132,140).CQLS.	UPAD	OR	OFF	2010/06/14 14:55

6/17/2010 1:38:49 PM

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